

**2005 ADDENDUM TO  
APPENDIX G**

**TRANSPORTATION PLAN  
FINAL DESIGN REPORT  
EVERETT SMELTER SITE**

**Revision 2 – APRIL 11, 2005**

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## **1 Introduction:**

This plan addresses the transportation-specific aspects related to the removal and off-site transportation of contaminated soil from Asarco's former Everett Smelter Site to Asarco's former Tacoma smelter or other permitted off-site disposal sites in 2005. It is an addendum to the Transportation Plan included in Appendix G of the Final Design Report. It is intended to supplement the traffic control provisions of the Construction Specifications (Section 01700, 1-13 Traffic Control) and is included by reference in Division 1, General Provisions, Section 01400 Supplemental Plans.

## **2 Summary Description:**

The primary transportation method proposed for the transport of excavated material from the Asarco Everett site to the Asarco Ruston site during 2005 is bulk shipment by truck. This plan describes the operational parameters and logistics for this movement. During 2004, Asarco completed shipment of all excavated materials over 3,000 ppm arsenic to the Ruston site by barge. The quantity of excavated material to be shipped in 2005 is less than half of the quantity transported in 2004. All remaining excavated materials to be transported to the Ruston site are between 150 and 3,000 ppm arsenic. Environmental controls will be employed to ensure that fugitive emissions are prevented and the material transported has appropriate containment during transport.

## ***2.1 Material loading at the Smelter Site:***

This aspect of the operation is described more fully in the construction plans and specifications. Briefly, excavated materials destined for shipment to Ruston will be amassed in a stockpile adjacent to an on-site loading area on the west side of East Marine View Drive. The loading area will be constructed to allow easy access in and out by trucks providing transport. Material will be loaded into haul trucks and trailers (20 yard truck, 10 yard trailer) with tarp covers and will be hauled to the Ruston site. The truck will pull into the designated loading area. An operator using a wheeled loader or excavator will remove material from the stockpile and place it into the truck bed. Loading will continue until a target volume/weight is reached. Any material that may be spilled in the loading will be cleaned from the truck. The tarp cover will be placed over the load and the truck will proceed to the Ruston site.

Once loaded the truck will proceed south on Marine View Drive to the I-5 entrance ramp. The trucks will follow I-5 to I-705 and then proceed north along Schuster Parkway/Ruston Way to the Ruston site. Two routes will be used for bringing empty trucks to the Everett Smelter site. The first cycle will use Hawthorne Street as the entrance and East Marine View Drive as the exit route to I-5. The second cycle will use East Marine View Drive as both the entrance and the exit route.

Section 01700 of the Construction Specifications incorporates City of Everett Design and Construction Standards and Specifications for Development including control of noise; protection of property and utilities; site maintenance; traffic control, detours and road closures; flaggers, barricades and signs; etc. Project traffic control will comply with Chapter 6 of "Manual on Uniform Traffic Control Devised" (MUTCD). Work will be completed in accordance with City of Everett Public Works Permit No. PWO405-012.

## ***2.2 Unloading in Ruston***

At the Ruston site the materials will be hauled to the direct placement site if weather allows. Materials will be placed in one-foot lifts and compacted in accordance with the

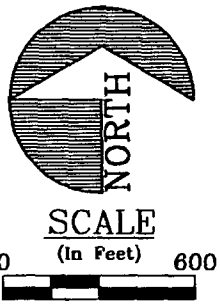
Tacoma Smelter site cap plans and specifications. If necessary, materials may be stockpiled at the Ruston site for later placement.

Water sprays will be used at the Ruston site to control dust. Trucks will be routed through a truck wash station prior to leaving the Ruston site and returning to Everett.

### ***2.3 Operating Frequency***

Asarco has estimated that approximately 30,000 cubic yards of excavated material will be shipped to the Ruston site. Two cycles of a maximum of 25 trucks with trailers per night are planned. Stockpiles of excavated material will be amassed during the day. Loading of the material will begin between 8pm and 9pm at the Everett site. Delivery and placement in Ruston will begin at approximately 10 pm. It is anticipated that loading for the second cycle will take place between 12 am and 2 am with delivery/placement in Ruston between 2 am and 4 am.

Shipments will be scheduled Sunday through Thursday. Asarco will not transport material on Friday or Saturday nights. Transportation of the estimated quantity should take 4-6 weeks. Shipments will commence about mid-May. Following this schedule, Asarco anticipates all materials will have been transported to the Ruston site by late June/mid-July.



LEGEND

- BARGE LOADING / CONTAINER STORAGE AREA
- REMEDATION SITE
- ROUTE TO BARGE LOADING AREA
- ROUTE TO I-5
- ROUTE TO RAIL LOADING AREA (IF REQUIRED)

